39. The working end of Claim 35 wherein said outer body portion is an open cell sponge-type material.

40. The working end of Claim 39 further comprising a fluid source coupled to said an open cell sponge-type material for providing fluid flow thereto.

41. The working end of Claim 35 wherein said outer body portion is a closed cell sponge-type material.

42. The working end of Claim 35 further comprising an exterior conductive layer carries about an exterior portion of said working end.

43. A surgical probe for delivering energy to tissue, comprising:

a probe body having a working end that defines an engagement plane for contacting tissue;

a first body portion inward of said engagement plane comprising a material having a resistance that substantially varies with temperature;

a second body portion comprising material that has a selected substantial resistive; and

at least one conductive body portion operatively connected to a voltage source.

44. The working end of Claim 43 wherein said second body portion and said at least one conductive body portion are operatively connected in series to a voltage source

45. A surgical probe for delivering energy to tissue, comprising:

an elongated probe having a working end that defines an engagement plane for contacting tissue;

a body portion inward of said engagement plane comprising a material that is variably resistive to electrical current flow therethrough;

means for varying the resistance of said body portion; and

at least one electrode carried in said working end operatively connected to a voltage source.

46. The working end of Claim 45 wherein said means for varying the resistance of said body portion is selected from the class consisting of direct current energy application means and photonic energy application means.